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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 14th November 1964

Special Notice

Patent office Handbook, 12th Edition, has been published and is available on sale with the Manager of Publications, Civil Lines, Delhi at a cost of Rs. 6 per copy.

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

24th October 1964

- 96192. Takeda Chemical Industries, Limited. Isocyanate composition.
- 96193. E. H. Green. Variable spray rate aerosol valve.
- 96194. Societe Generale Isothermos. Brake adjuster, notably for railway vehicles.
- 96195. Monsanto Company. Paper sizing.
- 96196. D. P. Ahuja. Refractory brick and furnace lining.
- 96197. Osterreichische Stickstoffwerke Aktiengesellschaft. Preparation of melamine from cyanic acid.
- 96198. Hovercraft Development Limited. Improvements relating to vehicles operable over water. (28th October 1963).
- 96199. West Midlands Gas Board and Johnson Brothers (Hanley) Limited. Improvements in the construction of pottery kilns.
- 96200. R. Botha and A. Len. Improved telescopic shock-absorber.
- 96201. The Bendix Corporation. Electric speed sensor.
- 96202. A. Vest. New wall and/or roof for forming pre-molded element of pre-stressed concrete and its method of production.
- 96203. A. Vest. New element for construction of roofs and/or walls with a high degree of heat and sound insulation constructed as a composite sheet.

26th October 1964

- 96204. R. A. Parikh. A mechanical device to lift and transmit solid granular, powdered and semi-liquid materials through pipes.
- 96205. Ciba Limited. Process for the manufacture of B-nor-steroids.
- 96206. The Upjohn Company. Organic compounds and process.

- 96207. Merck & Co., Inc. Preparation of acyl substituted carboxylic acids by the grignard method.
- 96208. Merck & Co., Inc. Preparation of pyrazinoylamidines and product.
- 96209. Don Baxter, Inc. Plastic syringe.
- 96210. A. Racek. Gas-fuelled lighter.
- 96211. Allied Chemical Corporation. Fluorinated acrylic compounds.
- 96212. Allied Chemical Corporation. Oleophobic and hydrophobic fibres.
- 96213. Tavannes Watch Co. S. A. Alarm mechanism.
- 96214. Tavannes Watch Co. S. A. Alarm time-piece.
- 96215. Erismann-Schinz S. A. Hair-spring clamping for time-pieces.
- 96216. Colgate-Palmolive Company. Oral preparation.
- 96217. Pittsburgh Plate Glass Company. Coated glass articles and process and solutions for preparing same.
- 96218. Imperial Chemical Industries Limited. New metal complex azo dyestuffs. (1st November 1963).
- 96219. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Vat dyestuffs and process for their manufacture.
- 96220. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing blue acid anthraquinone dyestuffs.
- 96221. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing water-soluble, copper-containing dis-, tris- and tetrakisazo dyestuffs of resorcin.
- 96222. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble dyestuffs and process for preparing them.
- 96223. Siemens & Halske Aktiengesellschaft. Improvements in or relating to time-division multiplex telecommunications systems. (22nd September 1964).
- 96224. Ministerul Industriei Petrolului si Chimiei. Device for curing expanded bodies of latex foam.
- 96225. Abbey Etna Machine Company. Seam guide assembly for welded tube mills.
- 96226. Abbey Etna Machine Company. Upper weld pressure roll assembly.
- 96227. Vsesojuzny Nauchno-Issledovatel'sky Institute Novykh Stroitel'nykh Materialov. Plant for the continuous manufacture of spongy materials.

27th October 1964

96228. Kabushikikaisha Yokogawa Denki Seisakusho. DC constant-voltage device.
96229. PIC Societe Anonyme. A drying and heating process and device therefor.
96230. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to high-pressure mercury vapour discharge lamps.
96231. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to multiplicative mixing with transistors.
96232. Hercules Powder Company. Improvements in or relating to a process for producing substituted norbornyl ureas. [Addition to No. 92522].
96233. Mo Och Domsjo Aktiebolag. A process for continuous sulphonation and/or sulphation of organic substances and an apparatus for carrying out the process.
96234. Organon Laboratories Limited. New 16-alkyl pregnane derivatives and process for the preparation thereof. (28th October 1963).
96235. VEB Werkstoffprüfmaschinen Leipzig. Hardness testing device.
96236. Etablissements Merlin & Gerin, Societe Anonyme. Pressure relay for transformer protection.
96237. Dr. K. Peredi. Fire equipments for liquid and gaseous fuels.
96238. Allied Chemical Corporation. Insect chemosterilant.
96239. Babcock & Wilcox Limited. Improvements in welding. (29th October 1963).
96240. The Flour Corporation, Ltd. Arched packing for cooling towers.
96241. Leeson Corporation. Method for producing textured yarns of cellulosic fibres.
96242. Universal Oil Products Company. Process for separating wet pyrolysis gases.
96243. Universal Oil Products Company. Isoparaffin alkylation process.
96244. Massey-Ferguson Services N. V. Improvements in agricultural crop treating machines.
96245. Halcon International, Inc. Chemical process.
96246. Halcon International, Inc. Chemical process.
96247. Halcon International, Inc. Chemical process.
96248. General Electric Company. Magnetic materials preparation process.
96249. General Electric Company. Magnetic material.
96250. General Electric Company. Magnetic materials.
96251. Kurashiki Rayon Company Limited. Method for preventing colouring of polyvinyl alcohol fibres or shaped articles in case of heat treatment.
96252. Kurashiki Rayon Company Limited. A method of manufacturing excellently crimped synthetic fibres of polyvinyl alcohol.
96253. Siemens & Halske Aktiengesellschaft. Improvements relating to protection devices for high-voltage lines.
96254. V. J. Esposito, Jr. Molded bottle caps with integral pressure actuated sealing means.
96255. Artos Maschinenbau Dr. Ing. Meier-Windhorst. Plant for thermal treatment of lengths of material.
96256. Artos Maschinenbau Dr. Ing. Meier-Windhorst. Process for finishing of woven fabrics, frame-knitted fabrics, sheets, especially for improvement of the creasing resistance.
96257. Ceskoslovenska Akademie Ved. A method of processing phosphorous iron-manganese raw materials.
96258. E. G. Keeton. Seed planter.
96259. Puregas Equipment Corp. Improvements in or relating to a method and apparatus for removing impurities from gas.

96260. Hughes Tool Company. Improvements in or relating to a percussion bit. (21st January 1964).

28th October 1964

96261. Mrs. Sushila Radhakrishnan and Mr. Sonia Khushalani. Improvements in or relating to safety matches.
96262. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to devices for measuring the angular acceleration of a rotating shaft.
96263. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of chemically polishing metals.
96264. N. V. Onderzoekingsinstituut Research. Improvements in and relating to flow tubes provided with sieve plates.
96265. Socony Mobil Oil Company, Inc. Lubricating composition.
96266. Merck & Co., Inc. 5-substituted benzazoles.
96267. Merck & Co., Inc. 5-substituted benzazoles.
96268. Ethyl Corporation. Composition of matter.
96269. Smith Kline & French Laboratories. Improvements in or relating to novel nitropyrrylheterocyclic derivatives.
96270. F. Kurz, John Zum Felde & Classen G.m.b.H. and P.V.S.C.U. Gotha. Improved method of obtaining guarana gum from guarana seed. (27th October 1964).
96271. Bivator S. A. Automatic diaphragm-setting device.
96272. Albiswerk Zurich A. G. Improvements in or relating to servo systems.
96273. Nikex Nehezipari Kulkereskedelmi Vallalat. Water treatment.
96274. Aktiebolaget Bofors. Hoisting apparatus for loading a round magazine of a mobile gun.
96275. Aktiebolaget Bofors. Improvements in or relating to apparatuses for loading a gun.
96276. W. R. Grace & Co. Process.
96277. United States Rubber Company. Improvements in article.
96278. Chemische Fabrik Von Heyden Aktiengesellschaft. An improved process for fluoridation, especially polyfluoridation.
96279. Owens-Corning Fiberglas Corporation. Method of making resin bonded fiber mats.

30th October 1964

96280. T. B. Buhariwala. Improvements in or relating to desk calendars.
96281. Associated Electrical Industries Limited. Improvements relating to compressors. (8th November 1963).
96282. Birfield Engineering Limited. Improvements in or relating to shaft couplings. (29th October 1963).
96283. The Wellcome Foundation Limited and the Animal Virus Research Institute. Improvements in and relating to cell cultures. (30th October 1963).
96284. N. V. Onderzoekingsinstituut Research. Apparatus for detecting fluffs on a running thread, and a drawtwisting machine provided with such apparatus.
96285. Vickers-Armstrongs (Engineers) Limited. Improved braking system. (30th October 1963).
96286. H. Lohmann and H. Doeverspeck. Process and apparatus for influencing true solutions and also for recovering and/or influencing phases of dispersed systems or the substances contained in said phases.
96287. Ciba Limited. Manufacture of bicyclic triaza-compounds.
96288. Ericsson Telephones Limited. Telecommunication line class identifier. (31st October 1963).
96289. Ericsson Telephones Limited. Telecommunication exchange apparatus.

96290. Societe D'Electro-Chimie, D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Process for the preparation of derivatives of 6-hydroxy caproic acids. (24th April 1964).
96291. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to new cystinyl amides.
96292. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Optical brighteners.
96293. Indian Oxygen Limited. Coupler assemblies for fluid flow systems. (30th October 1963).
96294. English Electric-Leo Computers Limited. Alternating current generator excitation systems. (31st October 1963).
96295. English Electric Leo Computers Limited. Alternating current generator excitation systems. (31st October 1963).
96296. The S. K. Wellman Company. Method for bonding a powdered ingredient compact and article.
96297. FMC Corporation. Binding strap and method of making the same.
96298. FMC Corporation. Method of making a polymeric strap.
96299. Esso Research and Engineering Company. Methane production using a promoted catalyst.
96300. Fisons Pharmaceuticals Limited. Aerosols.
96301. Farbenfabriken Bayer Aktiengesellschaft. Anthraquinone dyestuffs. (4th August 1964).
96302. Bengel Laboratories Limited. Cap for the mouth-piece of an aerosol container. (12th May 1962). [Divisional date 19th February 1962].
96303. The Austin Motor Company Limited. Variable-speed power transmission mechanisms. (5th November 1963).
96304. Vereinigte Österreichische Eisen- und Stahlwerke Aktiengesellschaft. Apparatus for forcing off mouth skulls.
96305. Vereinigte Österreichische Eisen- und Stahlwerke Aktiengesellschaft. Apparatus for lining metallurgical vessels, such as converters.
96306. Shell Internationale Research Maatschappij N. V. A method for activating a catalyst comprising nickel oxide, molybdenum oxide and alumina.
96307. H. E. Bode. Production and use of amyloglucosidase.
96308. Rank-Xerox Limited. Programmer means in a xerographic reproducing apparatus. [Divisional date 21st February 1963].
96309. Rank-Xerox Limited. Sheet feeding apparatus. [Divisional date 21st February 1963].
96310. Rank-Xerox Limited. Web cleaner. [Divisional date 21st February 1963].
96311. Rank-Xerox Limited. Sheet stripper in a sheet feeding device. [Divisional dated 21st February 1963].
96312. Rank-Xerox Limited. Heat fuser. [Divisional date 21st February 1963].

Alteration of date

88222. The claim to priority date 14th June 1962 has been disallowed and the application dated as of 31st May 1963, the date of filing in India.
89884. The claim to priority date 24th September 1962 has been abandoned and the application dated as of 16th September 1963, the date of filing in India.
95339. Ante-dated to 27th April 1963 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the

Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawing, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

86230. Hercules Powder Company. Improvements in or relating to cross-linking of polymers. Accepted on 28th October 1964.

Treating the polymer with an azidoformate cross linking agent having a boiling point of 70 mm of mercury.

86233. C. I. S. Rao. Improvement in or relating to process for solvent extraction and apparatus therefor. Accepted on 30th October 1964.

Comprising solvent container, reflex condenser, vessel between them to hold extract containing material and in combination side chamber with float arrangement to indicate extraction.

86258. Thoma Company. Device for emptying the filter of cleaning apparatus for textile machines, more particularly spinning or twisting machines. Accepted on 27th October 1964.

Characterised by a shut off member in the suction pipe and a control device operating the shut off member and emptying flap.

86280. Minnesota Mining and Manufacturing Company. Flexible sheet material carrying synthetic polymer capsules and method of making. Accepted on 30th October 1964.

Carrying minute, water insoluble, water dispersible hollow rupturable capsules containing water-immiscible liquid for release into sheet material.

86281. Minnesota Mining and Manufacturing Company. Self-generating image forming sheet material. Accepted on 30th October 1964.

Incorporating hollow pressure-rupturable microscopically sized capsules containing first colour reactant, and second colour reactant within sheet material reactive with said first reactant on rupture of said capsule.

86282. Minnesota Mining and Manufacturing Company. Sheet material in particular for use in making abrasive sheets and adhesive tapes, and method of making the same. Accepted on 30th October 1964.

Fibrous cellulosic web saturated and reacted with in-situ cured polymethane reaction product of secondary hydroxyl-terminated polyalkylene ether polyol and polyisocyanate.

87154. V. R. Bhide. Improvements in or relating to stoppers for vacuum flasks. Accepted on 26th October 1964.

The disc between the plug and the skirt is provided with an opening such that without completely removing the stopper the liquid can be poured out through said opening.

87189. Birs Beteiligungs- Und Verwaltungsgesellschaft A. G. Drying particulate solid materials. Accepted on 30th October 1964.

Characterized by a horizontal false bottom above drying gas inlet means rotatable brush means above false bottom, powder conveying means and a packing station.

87384. Sperry Rand Corporation. Skew correction buffer. Accepted on 12th October 1964.

Wherein the successively appearing nth order binary bits one from different frames are entered into different ones of the frame register.

- 87556 E H Green Spray head for swirling spray. Accepted on 22nd October 1964
Comprises swirl forming chamber with means to impart rotary movement to fluid and a swirling smoothing chamber adjacent the former
- 87604 Rohm & Haas Company Process for producing an essentially non aqueous addition polymer composition [Addition to No 86177] Accepted on 24th October 1964.
Addition polymerising a monoethenically unsaturated monomer change containing at least one compound containing a $\text{CH}_2=\text{C}$ group in a liquid hydrocarbon medium
- 87621 Canadian Industries Limited Foaming compositions and the manufacture of foamed polymeric materials therefrom (25th April 1962). Accepted on 26th October 1964
Comprises at least one polymerizable vinyl ether containing at least one vinyl ether containing at least two vinyl groups per molecules a foaming agent and an acidic catalyst
- 87628 Nippon Grinder Manufacturing Company Limited and Daver & Company Improvements in or relating to bottom roller bearing in a textile fibre drafting apparatus. Accepted on 26th October 1964
Comprising a resilient bearing bush of semi-cylindrical cross-section and semi-annular cross-section, having a base formed with legs at and along its sides and spaced from each other.
- 87630 Nippon Grinder Manufacturing Company Limited and Daver & Company Improvements in or relating to apron guides in textile fibre drafting systems Accepted on 24th October 1964
On each inner side of cradle supporting the upper roller, a projection of antifriction material is provided to guide upper apron to normal position
- 87648 K P Varma, L S Varma, Kamla Devi, S K Varma and J K Varma. Improvements in or relating to air-borne crafts and roadless vehicles Accepted on 27th October 1964.
Comprising wings shaped like birds upon which impinge air blast from air displacing devices and body shaped like that of a bud with air intake and exhaust openings
- 87653 Elektrophysikalische Anstalt Bernhard Berghaus Method of producing metals. Accepted on 27th October 1964
Characterised in that a compound is formed as an intermediate product from halide and from gas or gas mixture consisting of a compound of nitrogen and hydrogen and the metal is obtained from this product in the second stage
- 87654 Sperry Rand Corporation Recording system Accepted on 27th October 1964
Characterised by a first flip-flop (24) timing and gates, and a second pair of AND gates
87655. Imperial Chemical Industries of Australia and New Zealand Limited Apparatus and method for packing aerated solid flowable materials (30th April 1962) Accepted on 27th October 1964
Admitting material, sealed in sealable container against access of air, into interior receptacle within gas tight enclosure at below atmospheric pressure
87664. Imperial Chemical Industries Limited Anthraquinone dyestuffs (15th May 1962) Accepted on 28th October 1964
1-amino-4 - (aminosulphoanilino) - anthraquinone-sulphonic acid is reacted with a substituted hydrazine
87669. E N Contractor An improved valve or faucet Accepted on 30th October 1964
Body in the shape of a pipe screwed at one end for connection to a supply line and provided with an outlet opening about the middle of the pipe an outer ring encircling the pipe and/or slots for spanners on top of the plug, a valve seat within the pipe, and other end of the pipe being closed by a plug through which passes a valve rod
- 87679 Sumitomo Chemical Company Ltd. Process for the preparation of aromatic amino compounds in a mixed solvent Accepted on 30th October 1964
Reducing aromatic nitro compounds in presence of a catalyst in a solvent comprising a lower alcohol and an aromatic compound
- 87687 AMP Incorporated Improvements in pinboards Accepted on 28th October 1964
Comprising transversely arranged contact strips disposed in upper, lower and intermediate board each board having a array of recesses comprising an inner array of apertures
- 87692 Fraser & Glass Limited Improvements in or relating to marking of plastic articles Accepted on 28th October 1964
Method of marking a plastic article during moulding using a marking vehicle which includes a marking agent incorporated in a base
- 87720 International Leasing Corporation A method and apparatus for making tufted fabric Accepted on 30th October 1964
Comprising means for advancing a backing sheet along a path, a needle carrier extending across said path, a plurality of hollow needles mounted on said needle carrier and each having a free end portion projecting toward the backing sheet.
- 87761 Wolstan C Gimes Enterprises Proprietary Limited Earth drilling machine (4th May 1962) Accepted on 24th October 1964
Comprising a drill section and a feed and anchor section, drill section includes drive means connected to a drill bit assembly, and feed and anchor section includes at least two anchor assemblies
- 87769 W Hampe Improvement in or relating to washing laundry and to a washing machine Accepted on 30th October 1964
Comprising a drum which can be heated and sealed in an air and water tight manner, the drum being carried in an open supporting device and rotatable by a handle
- 87771 Imperial Chemical Industries Limited New azo dyestuffs. (15th May 1962). Accepted on 26th October 1964
Comprises reacting an azo compound with a hydrazine
- 87772 AMP Incorporated Improvements in or relating to multiple contact assemblies Accepted on 26th October 1964
Comprises an intermediate frame of insulating material including channel members containing edges of the panel means and an outer metal frame assembly comprising metal frame members recessed into the members of the insulating frame
- 87870 Dunlop Rubber Company Limited Floatable hose (22nd May 1962). Accepted on 30th October 1964.
Comprising a layer of flexible cellular material having an impervious covering and separated by impervious material into separate gas containing compartments
- 87929 Farbenfabriken Bayer Aktiengesellschaft A method of improving age resistance of natural or synthetic rubber (28th March 1963). Accepted on 27th October 1964.
Incorporating into rubber mixes a substituted phenol prepared by adding enamined to p-benzoquinones with free 2, 3-positions.

87991. Council of Scientific and Industrial Research. Preparation of saturated, unsaturated and hydroxy fatty alcohols by hydrogenolysis. Accepted on 28th October 1964.

Hydrogenolysis is carried out using as catalyst from 1 to 10 per cent of a copper salt or of the copper soap of the fatty acid

88096 Imperial Chemical Industries Limited. New naphthalene monoazo triazine dyestuffs. (28th May 1962) [Addition to No. 72679] Accepted on 24th October 1964

Wherein dyestuffs are obtained by condensing 1 mole of cyanuric chloride or cyanuric bromide with 1 mole amino azo compound and by diazotising an amine and by coupling the diazonium compounds so obtained with 1 mole of a coupling component

88182 United States Rubber Company. Method of making a catalyst for the polymerisation of 1-olefins and method of polymerising 1-olefins using such catalyst. Accepted on 30th October 1964.

Comprises reacting an organophosphine metal salt complex and an acidic metal halide.

88222. Powr-Lok Corporation. Locking differential mechanism. Accepted on 27th October 1964.

Comprising a rotatable case, a floating rounded spider pin, a plurality of pinion gears, a pair of rotatable side gears and a pair of pressure rings

88259. Bird & Co. (Private) Limited. An improved process for briquetting cast iron or steel borings and turnings or mixtures of these two materials. Accepted on 24th October 1964

The method is characterised by mixing the same with lime sludge and pickle liquor and shaping the mix into the form of briquettes

88376 Nalco Chemical Company. Pellet forming apparatus. Accepted on 26th October 1964.

Comprising a vessel, heating means, drop forming means, valve means, control means and quench means operatively associated with said drop forming means.

88429 Phillips Petroleum Company. Improvements relating to the production of branched polymers. Accepted on 27th October 1964.

Method of making comprises polymerizing at least one monomer and reacting the resulting lithium terminated polymer with a compound having at least three reaction sites capable of reaction with the carbon lithium bond of the polymer

88485 Shinko Denki Kabushiki Kaisha. Automatic fusing device for cable testing. Accepted on 26th October 1964.

Comprises a transformer, a capacitor connected to the secondary side of said transformer through a rectifier, a potentiometer-type voltage divider connected across the terminals of said capacitor and having two taps from which two voltages of differing values are available

88553 F. Soares. Spherical pump. Accepted on 27th October 1964.

Hollow hemispheres secured together to form a spherical body, an operating disc or plate housed within said sphere with a sealing ring on its edge and operated by a shaft attached to said disc from outside and a guide member on either side of the operating disc to keep it in fixed rotations

88588 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-insoluble monoazo-dyestuffs and process for preparing them. Accepted on 24th October 1964.

6-halo-2,4-dinitroaniline is diazotised and coupled with 2-alkyl or aralkylamino-4-acetamino-1-phenetole.

88607. L. J. Fry. Apparatus for and a method of generating methane gas from manure. Accepted on 28th October 1964.

Introducing manure and water into a chamber for bacterial degeneration, extracting the gas out and breaking-up of the crust formed over the liquid surface by alternately raising and lowering the fluid level from outside the tank.

88703. Shell Internationale Research Maatschappij N. V. Process for resolving a dispersion using electrical phenomena. Accepted on 28th October 1964

Characterized in that the dispersion is contacted with at least two different solids in finely divided form at the same time.

88753 Union Carbide Corporation. A continuously self checking scanner alarm system. Accepted on 27th October 1964

With means in combination with scanning switch contactor for producing test pulse to cause thyatron tube to conduct, means for interrupting the conduction of the thyatron tube and further means in the thyatron tube circuit for giving an "apparatus safe" indication.

88821 Petersen Mfg. Co., Inc. Improved wrench. Accepted on 30th October 1964.

Characterised by a chain attached to forward arm of one member, the other member having a claw portion releasably engagable with the chain.

89112. Westinghouse Electric Corporation. Improvements in or relating to apparatus for and method of assembly of electrode cage of electron discharge devices. Accepted on 30th October 1964.

Having a jig member holding an end spacer and a loading assembly including slide means, movable toward or away from first spacer, electrode being top loaded on the slide means, and including a surface to receive the second end spacer and means for holding the electrode.

89397. D. L. Annand. Improvements in or relating to chipboard. Accepted on 28th October 1964

Comprises thoroughly mixing particle of a filler and solid particles of resin binder.

89789. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of fireproofing boards of alkali metal silicates containing water and fibers. Accepted on 28th October 1964.

Wherein fibres are embedded in a suspension of particles of alkali metal silicate having a water content of 10 to 30% by weight with reference to anhydrous alkali metal silicate in an alkali metal silicate solution.

89869. Dow Corning Corporation. Improvements in or relating to the treatment of leather. Accepted on 28th October 1964.

Comprises applying to the leather, as the fat liquoring agent, a water soluble copolymer prepared by mixing (1) a silane and (2) a liquid hydroxylated polymethylsiloxane

89884 Imperial Chemical Industries Limited. Manufacture of aromatic amines of the benzene series. Accepted on 28th October 1964

Hydrogenating aromatic nitro compounds in the presence of a metal hydrogenation catalyst which is modified by an organic base.

89962. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to hot-gas reciprocating machines. Accepted on 30th October 1964.

At least two pump units, each comprising one pair of double acting pistons adapted to move in closed, fluid-filled cylinders and at least two pairs of units in which the thermodynamic cycle is performed, each unit comprising a compression piston and cylinder, a cooler, a regenerator, a freezer or heater and an expansion piston and a cylinder.

89965. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices comprising an alternating current generator. Accepted on 26th October 1964.

With ohmic impedances, particularly vapour discharge tubes, which in series combination with reactive impedances forming the loads, bridged by individual short circuit switches.

90504. The Metal Box Company Limited. Improvements in or relating to bottles. (29th October 1962). Accepted on 27th October 1964.

Bottle made of synthetic thermoplastic material and having the mouth thereof defined by a rim upstanding from a flexible flange extending laterally from the neck.

90648. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of providing tubular lamps with reference means and lamps manufactured by such methods. Accepted on 30th October 1964.

Characterised in that after the lamp caps are rigidly fixed on the ends of the lamp, the reference means, while the filament present in the lamp has been given a prescribed position are formed in the tongue shaped projections by a chipping operation at areas which have a prescribed position with respect to the position of the filament.

90649. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electric lamps. Accepted on 30th October 1964.

Characterised in that the boundary surfaces of the seal locally exhibit one or more changes of profile which engage with changes of profile or recesses in the cap embracing the seal, thus causing the cap to be fixed on the seal.

90650. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electric lamps. Accepted on 30th October 1964.

Characterised in that the connecting body comprises at least two strip-shaped parts bridging the distance between the inner side of the lamp cap and the portion of the lamp vessel surrounded by it, the larger transverse dimension of parts being equally directed as the axis of the lamp cap.

90964. Associated Electrical Industries Limited. Improvements in and relating to apparatus for detecting the location of an electric line fault. (7th December 1962). Accepted on 27th October 1964.

Includes means to integrate the fault current with respect to time, and to measure the time taken until the value of said integral attains the value of the line voltage, whereby the impedance of the line section between the apparatus and fault can be determined.

91454. Shell Internationale Research Maatschappij N. V. A process for the preparation of dispersions of macro-molecular substances. Accepted on 28th October 1964.

Emulsifying the macromolecular substances in organic solvent with the addition of water and organic compound before or during emulsification.

95339. Giddings & Lewis-Fraser Limited. Improvements in or relating to apparatus for teasing fibrous material. (1st May 1962). [Divisional date 27th April 1963]. Accepted on 27th October 1964.

Comprises an adjustable bladed member extending into the nip defined between the feed roller and the cylinder and a mounting for attaching the bladed member to the apparatus.

Opposition Proceedings

(1)

The opposition entered by Camphor Allied Products Ltd. to the grant of a patent on application No. 83375

as notified in Part III, Section 2, of the Gazette of India dated the 8th August, 1964, has been treated as withdrawn.

(2)

An opposition has been entered by Gebruder Boehinger Gesellschaft mit beschränkter Haftung to the grant of a patent on application No. 85895 made by Harendrakumar Shantilal Gandhi and others.

Patents Sealed

82289.	82590.	82743.	82977.	83002.	83070.	83121.
83197.	83521.	83617.	83988.	83991.	84050.	84060.
84141.	84192.	84229.	84265.	84295.	84303.	84338.
84339.	84351.	84352.	84376.	74393.	84440.	84441.
84442.	84461.	84470.	84499.	84539.	84571.	84703.
84737.	84758.	84762.	84844.	84895.	84931.	84975.
85015.	85063.	85153.	85160.	85161.	85254.	85338.
85390.	85587.	85640.	85705.	85845.	85951.	86006.
86138.	86336.	86338.	86371.	86613.	86808.	87042.
87077.	87271.	87514.	91197.	91441.	91817.	92348.

Amendment Proceedings

The amendments proposed by Bird Machine Company in respect of Patent No. 75684 as advertised in the Gazette of India, Part III, Section 2, dated the 4th July 1964, have been allowed.

Renewal Fees Paid

42275.	42485.	42776.	44322.	44323.	44591.	44609.
44895.	45195.	45847.	46233.	46238.	46271.	46283.
46305.	46579.	46580.	47049.	48206.	48300.	48402.
48406.	48408.	48410.	48675.	48688.	48712.	48731.
50429.	50593.	50597.	50635.	50701.	50796.	50945.
50946.	50957.	51342.	52982.	53020.	53041.	53047.
53063.	53177.	53186.	53187.	53338.	53360.	53361.
53576.	53640.	53657.	53712.	53777.	54017.	54199.
54557.	54683.	55355.	55471.	55606.	55636.	55713.
55721.	55752.	55791.	55823.	55842.	55856.	55858.
55861.	55872.	55942.	55961.	55954.	56010.	56144.
56164.	56169.	56170.	56452.	56555.	56591.	56598.
58332.	58785.	58790.	58812.	58815.	58817.	58878.
58886.	58925.	58934.	58955.	59000.	59093.	59173.
59174.	59175.	59176.	59177.	59178.	59191.	59215.
59225.	59238.	59240.	59244.	59245.	59255.	59331.
59332.	59333.	59334.	59403.	59413.	59637.	59638.
59691.	59692.	59873.	60216.	60382.	60383.	60787.
60881.	60882.	60883.	60884.	60894.	60895.	61741.
61915.	62150.	62185.	62187.	62203.	62204.	62216.
62242.	62243.	62312.	62342.	62347.	62362.	62363.
62379.	62419.	62477.	62478.	62491.	62640.	62730.
62748.	63008.	63030.	63041.	63160.	63161.	63249.
63860.	64051.	65581.	65609.	65662.	65696.	65722.
65724.	65725.	65736.	65744.	65747.	65752.	65767.
65770.	65819.	65820.	65826.	65858.	65888.	65897.
65898.	65915.	65933.	65936.	65961.	65983.	66065.
66190.	66200.	66219.	66250.	66253.	66276.	66277.
66422.	66546.	66607.	66656.	66679.	66763.	66776.
69270.	69393.	69460.	69628.	69630.	69645.	69657.
69674.	69689.	69705.	69731.	69742.	69756.	69757.
69778.	69808.	69868.	69869.	69886.	69914.	69917.
69977.	70002.	70077.	70180.	70181.	70214.	70338.
70359.	70558.	70743.	70902.	70972.	71193.	71534.
71535.	71536.	71545.	73330.	73675.	73874.	73924.
73949.	73950.	73974.	73990.	73991.	74004.	74008.
74061.	74063.	74083.	74099.	74100.	74101.	74102.
74134.	74150.	74157.	74158.	74177.	74181.	74193.
74195.	74231.	74234.	74240.	74243.	74246.	74248.
74257.	74277.	74288.	74292.	74297.	74352.	74391.
74392.	74419.	74446.	74457.	74475.	74538.	74586.
74648.	74649.	74650.	74652.	74680.	74686.	74687.
74700.	74715.	74944.	74973.	74974.	74992.	75043.
75312.	75435.	75483.	75513.	75895.	76848.	76849.
76850.	76851.	78094.	78097.	78100.	78103.	78703.
79225.	79251.	79710.	79766.	79860.	79875.	79890.
80887.	80952.					

Cessation of Patents

41713. 43737. 47130. 47710. 47711. 47712. 47713.
 49912. 49922. 49933. 52363. 52373. 52380. 54970.
 54973. 57900. 61133. 61137. 61153. 64672. 64710.
 64718. 65795. 68429. 68462. 68476. 72586. 72587.
 72592. 72606. 72610. 72623. 72629. 72637. 72646.
 72660. 72676.

Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patents—

No. 62354—*The Oriental Metal Industries Private Limited.*

The patent ceased on the 22nd November, 1962, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 29th June, 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 26th December, 1964.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 121961. Bansi Lal (An Indian subject), 3060 Bahadurgarh Road, Delhi, "Mirror", April 18, 1964.

Class 3. Nos. 122607 to 122613. Dunlip Semtex Limited, A British Company, 1, Albany Street, London

N.W.1., England, "A sheet of material primarily for use as a floor covering". January 31, 1964 (United Kingdom).

Class 13. Nos. 123164 to 123197, 123199 to 123204 and 123206. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar, (Gwalior), "Textile goods", August 27, 1964.

Class 13. Nos. 123279 to 123297. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay-13, Maharashtra State. "Textile goods", September 4, 1964.

Class 13. Nos. 123225 and 123226. H. A. Shah & Co., Partnership Concern, Vasant Vijay Mills, Vasant Vijay, 470/471, Worli Road, Bombay-18, (India), "Textile goods", August 28, 1964.

Class 13. Nos. 123378 to 123380. The Bombay Dyeing & Mfg. Co. Ltd, an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", September 9, 1964.

Class 13. Nos. 123405 and 123406. The Standard Mills Company Limited, Mafatlal House, Backbay, Reclamation, Bombay-1, An Indian Company, "Textile goods", September 16, 1964.

Class 13. Nos. 123429 to 123432. The Svadeshi Mills Co. Ltd, an Indian Company, Bombay, Bombay House, Bruce Street, Fort, Bombay, (Maharashtra), September 19, 1964.

Cancellation of the Registration of Designs

An application has been made by Messrs. Anand Rubber & Cycle Industries for Cancellation of the registration of design No. 121999 in the name of Kulbhushan Khurana.

A. JOGARAO

*Controller General of Patents,
 Designs and Trade Marks.*

